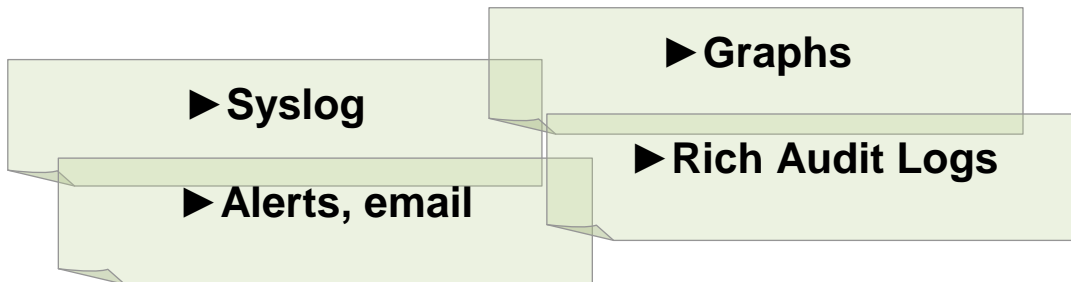


Enforcive Enterprise Security

CPA for Mainframe

Critical Data Monitor for mainframe data, security and system events in a graphical UI



**DB2 Data Before / After • SMF TELNET • SMF FTP
SMF VSAM • SMF RACF
TCP/IP FTP / Telnet • SMF DB2 • SAFE/CICS**

Date	28/10/2009	Timestamp	2009-10-28-14.11.28.265248
Time	14:11:28	User	IBMUSER
System Name	SDW1	Table Owner	IBMUSER
Application	DB2 Log Records	Table Space	TEST
Database Name	DSNDB04		
Object Type	Table		
Object	TEST		
Action Type	CHANGE (UPDATE)		
Action			
Action Specific Details			
Field	Field Type	Value	Value of previous "Before Update" ...
EMPNO	CHAR	00002	00002
FIRSTNME	CHAR	ADA	ADA
MIDINIT	CHAR	A	A
LASTNAME	CHAR	ARNAVER	ARNAVER
WRKDEPT	VARCHAR	F01	F01
PHONENO	CHAR	3476	0000
JOB	CHAR	WORKER	WORKER

DB2 record update showing before and after field values

Clear and Easy Display of Your Security Audit

Intuitive and user-friendly audit trail of SMF and other audit data events produced by DB2, RACF, FTP and Telnet activity. The events are broken down into the appropriate parameters making them easy to understand.

Detailed Filtering Criteria to Analyze Security Audit Events

The security auditor can view security events on-line and filter them on the screen without the need for additional applications or programming. Filtering can be done on date and time ranges, platform, account type, user, event status, IP address and application event type.

Filter events by application: DB2 log records, SMF RACF, SMF DB2, TCP/IP application audit, SMF telnet, SMF FTP, Bsafe/Security for CICS.

Filter events further by application, event category, type and even sub-type. Examples include:

- DB2 log records > change audited table > delete/insert/update
- SMF DB2 > authorization failures > database privileges > display database

Dynamic Graphs

You can produce graphs to identify trends and pinpoint behavior in your system activity. Dynamically drill down from your chosen starting point until you have reached the desired selection. Print the graphs, save them in PC file format or email them as you wish. Events from across the enterprise can be combined, sorted and filtered into hundreds of different combinations of platform, application, IP address, user, identity management user, transaction status and date. The graphs are built dynamically by the user selecting the sort parameter at each level

Each component of the on-screen graphs can be expanded at the click of the mouse to show the actual audit events behind the statistics and each event can be drilled down to show all related information including the name and value of each event parameter.

The graphs include statistical and time-line views of the audit events. The graphs and summary tables can be displayed on the screen, printed, sent by email and saved as files in various formats including PDF and MS Office-compatible HTML which can be opened by Excel and Word.

Offload audit data from MF to PC-based database

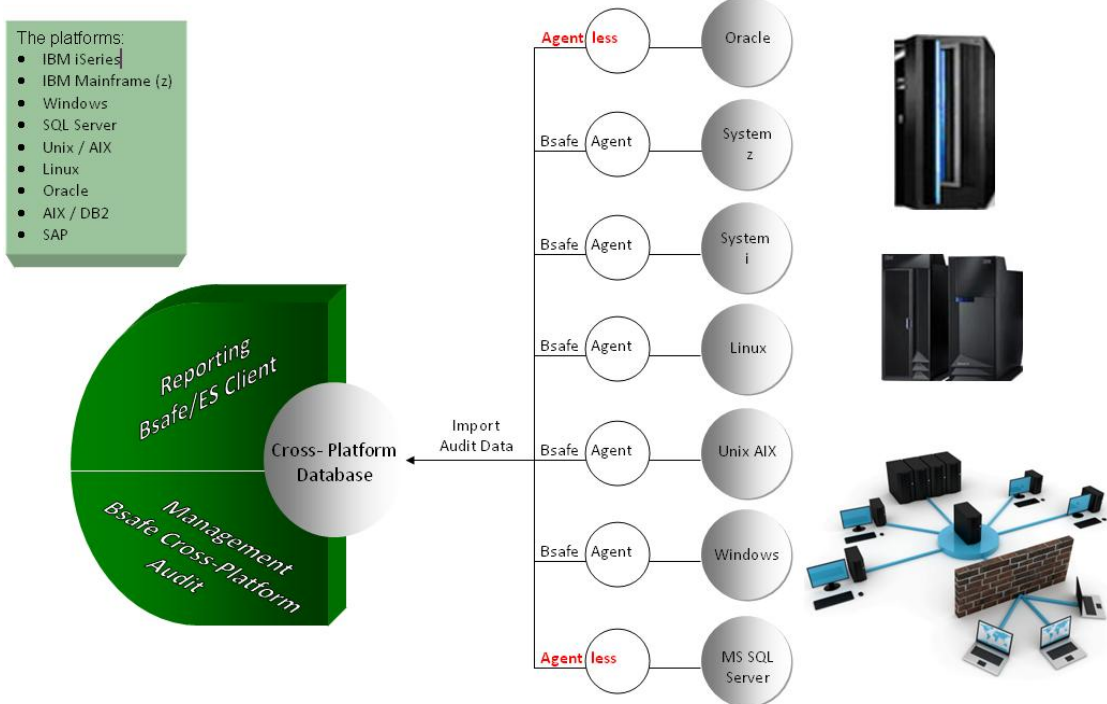
After you transfer your mainframe audit data to the PC-based database (MS SQL server) the files can be automatically purged on the MF, freeing up valuable storage space. Once imported to the CPA (Cross-Platform Audit) the information can be viewed and analyzed on your PC. You can schedule the transfers for unattended regular runs.

Report Generator

Includes a report generator with the capability of exporting reports to MS Excel, PDF and other formats. Report runs can be scheduled to run periodically by day, week or month.

Consolidate Security Audit Data from Multiple Machines

Consolidate security audit data from any number of MF computers and also from IBM i, MS Windows, MS SQL Server, Linux, AIX, Oracle and more. The importing of audit data from other computers requires installation of appropriate Bsafe agents on those machines too. You can create logical users called IDS users to audit activity of a user having different logon IDs. The IDS user doesn't require any pre-defined identity management requirements like the implementation of single user sign-on.



- The platforms:
- IBM iSeries
 - IBM Mainframe (z)
 - Windows
 - SQL Server
 - Unix / AIX
 - Linux
 - Oracle
 - AIX / DB2
 - SAP

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24th Nov 2011